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INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/01945

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04L27/34 H04L25/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 199 12 825 C (SIEMENS AG) 10 August 2000 (2000-08-10)	1,2, 7-16,21, 22,24-30
Y	abstract page 2, line 57-64 page 3, line 21-27 page 4, line 11,12 page 4, line 53-55 page 5, line 12-28; figure 6 -/-	6,10,20, 23

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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Date of the actual completion of the international search

Date of mailing of the International search report

9 July 2003

23/07/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	HELLSTERN G: "CODED MODULATION WITH FEEDBACK DECODING TRELLIS CODES" PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON COMMUNICATIONS (ICC). GENEVA, MAY 23 - 26, 1993, NEW YORK, IEEE, US, vol. 2, 23 May 1993 (1993-05-23), pages 1071-1075, XP000371241 ISBN: 0-7803-0950-2 Equation (6)	10,23
Y	US 5 657 354 A (THESLING III WILLIAM H ET AL) 12 August 1997 (1997-08-12) column 3, line 58-67	6,20
A	SPETH M ET AL: "LOW COMPLEXITY SPACE-FREQUENCY MLSE FOR MULTI-USERF COFDM" 1999 IEEE GLOBAL TELECOMMUNICATIONS CONFERENCE. GLOBECOM'99. SEAMLESS INTERCONNECTION FOR UNIVERSAL SERVICES. RIO DE JANEIRO, BRAZIL, DEC. 5-9, 1999, IEEE GLOBAL TELECOMMUNICATIONS CONFERENCE, NEW YORK, NY: IEEE, US, vol. 5, 5 December 1999 (1999-12-05), pages 2395-2399, XP000958550 ISBN: 0-7803-5797-3 Equation (5) and (6) figure 1	1-30
A	FAGERVIK K ET AL: "Low complexity bit by bit soft output demodulator" ELECTRONICS LETTERS, IEE STEVENAGE, GB, vol. 32, no. 11, 23 May 1996 (1996-05-23), pages 985-987, XP006005177 ISSN: 0013-5194 page 986, right-hand column, paragraph 2	1-30
A	WO 00 44141 A (ERICSSON INC) 27 July 2000 (2000-07-27) abstract page 5, line 1 - line 15 page 9, line 16 - line 19 page 12, line 10 - line 13	1,15

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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